



TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Fazle Khan, MBBS, MPH., Chief
Office of Surveillance

Howard Pue, DVM, MS, Section Chief
Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) February 2002
(through week 9 ending March 2, 2002)

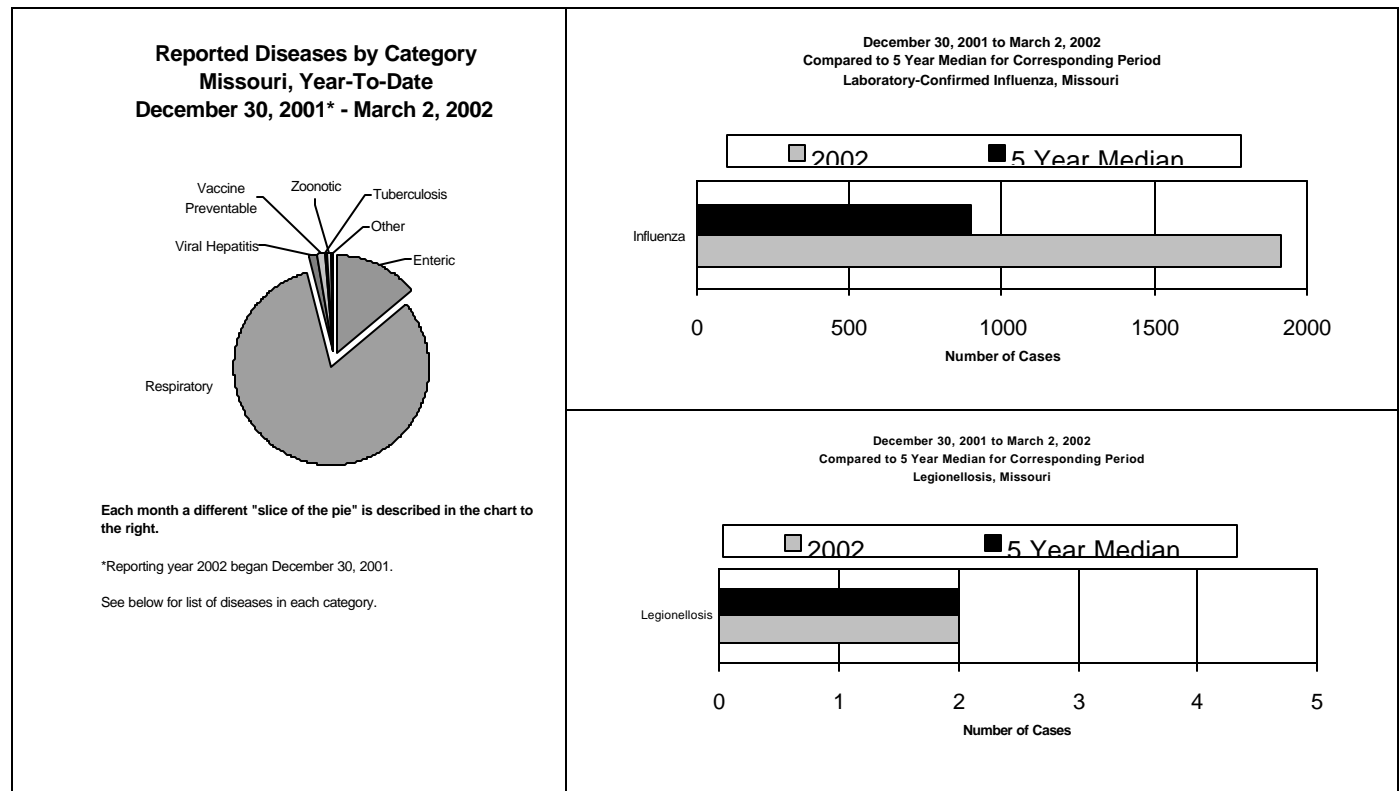
DATE: March 11, 2002

The Office of Surveillance and the Section of Communicable Disease Control and Veterinary Public Health publish a monthly update on selected reported communicable diseases. This information may also be found on the Missouri Department of Health and Senior Services homepage at www.dhss.state.mo.us under Resources/Diseases Directory/Reports.

Educational literature may also be found at this web site in the Publications Section.

The after hours emergency number for the Missouri Department of Health and Senior Services is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health and Senior Services at (800) 392-0272.

Monthly Communicable Disease Update, February, 2002 (Provisional Data)



Reported Cases of Selected Diseases by Category

	2002 Feb	2002 YTD	2001 YTD	5 Year Median YTD	% Change 5 Year Median		Number of Cases, February 2002 by Health District						
							CD	ED	NE	NW	SE	SW	Unk
Enteric Diseases													
Campylobacteriosis	30	60	59	52	+	15.38%	3	15	1	2	4	5	
Cryptosporidiosis	4	7	1	1	+	600.00%	1	1	0	1	0	1	
E. coli O157:H7 #	2	4	3	3		33.33%	0	1	0	0	0	1	
Giardiasis	32	59	102	89	-	33.71%	4	13	1	3	4	6	1
Listeria monocytogenes	0	1	1	2	-	50.00%	0	0	0	0	0	0	
Salmonellosis	91	154	56	55	+	180.00%	11	65	1	7	5	2	
Shigellosis	13	30	52	52	-	42.31%	1	8	2	1	0	1	
Yersinia enterocolitica	0	6	5	4	+	50.00%	0	0	0	0	0	0	
Respiratory													
Influenza (Lab Confirmed)	1693	1918	1648	896	+	114.06%	363	640	33	372	137	142	6
Legionellosis	1	2	3	2		0.00%	0	0	0	0	0	1	
Viral Hepatitis													
Hepatitis A	4	10	30	111	-	90.99%	0	0	0	0	4	0	
Hepatitis B	9	22	20	28	-	21.43%	1	3	0	3	1	1	
Hepatitis C (Acute)*	*	*	1	na		na	*	*	*	*	*	*	
Hepatitis C (Other)*	*	*	2221	na		na	*	*	*	*	*	*	
Vaccine Preventable													
Mumps	2	2	0	0	+	~	1	1	0	0	0	0	
Pertussis	5	24	16	10	+	140.00%	1	2	0	1	1	0	
Tuberculosis													
Tuberculosis Disease	6	8	6	17	-	52.94%	1	2	0	3	0	0	
Zoonotic													
Ehrlichiosis	0	1	3	0	-	~	0	0	0	0	0	0	
Lyme Disease	1	4	2	2	+	100.00%	0	0	0	1	0	0	
Rocky Mtn Spotted Fever	2	4	2	0	+	~	0	0	0	0	1	1	
Tularemia	0	1	0	0	+	~	0	0	0	0	0	0	
Other													
H1N1 Disease	1	2	5	3	-	33.33%	0	1	0	0	0	0	
Malaria	2	4	3	3	+	33.33%	0	1	0	0	1	0	
Meningococcal Disease	4	9	16	20	-	55.00%	2	2	0	0	0	0	

*Hepatitis C became reportable in 1997; it was previously included in Hepatitis Non A, Non B, 2002 data not available.

Hepatitis C (Other) represents positive tests (HCV EIA, RIBA, or PCR) but did not meet CDC's case definition for acute Hepatitis C.

Reportable diseases of very low incidence (<10 cases in previous year) are not included.

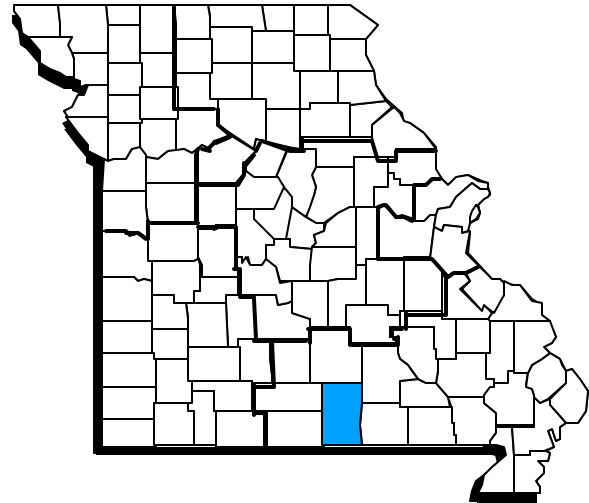
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Monthly Communicable Disease Update, February, 2002 (Provisional Data)

Confirmed Rabies in Animals

Species	February		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	35	0	90	0
Cat	34	0	89	0
Bat	13	0	24	0
Skunk	3	1	4	1
Fox	0	0	0	0
Cow	1	0	1	0
Horse	0	0	2	0
Ferret	1	0	1	0
Raccoon	11	0	18	0
Rodent/Rabbit	2	0	8	0
Other Domestic	0	0	0	0
Other Wild	7	0	11	0
Exotic	0	0	0	0
Unknown	0	0	0	0
Total	107	1	248	1

Confirmed Animal Rabies in Missouri
By Health District
December 30, 2001 - March 2, 2002



Counties Under Rabies Alert: None

Active Surveillance System

Local health agencies have established surveillance sites that report clinical syndromes and demographic information. This system is intended to rapidly assess changes in the community's health.

The Department of Health and Senior Services has developed an enhanced surveillance system to detect and initiate timely response to biological, chemical or radiological terrorism events. Recent implementation of the High Alert Surveillance System (HASS) has replaced the Sentinel Active Surveillance System (SASS). Future inclusion of HASS data in this analysis is under consideration.

2000 Census Population by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
721,996	1,940,293	256,339	1,311,453	551,105	814,025